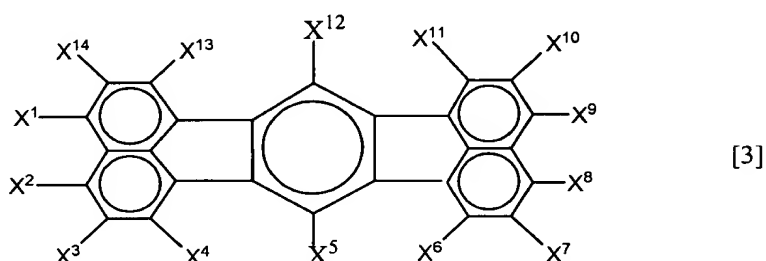


IN THE CLAIMS

Please amend the claims as follows:

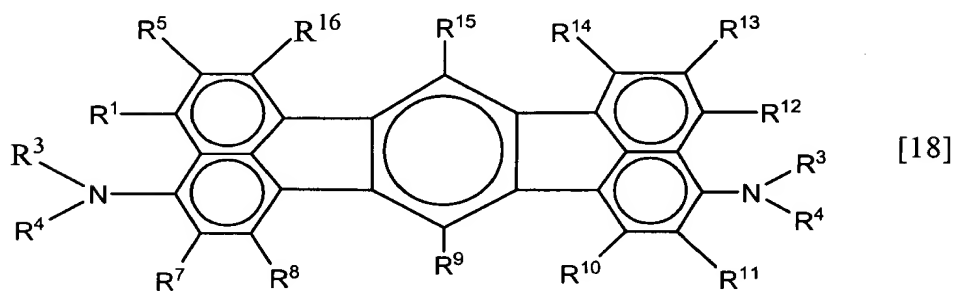
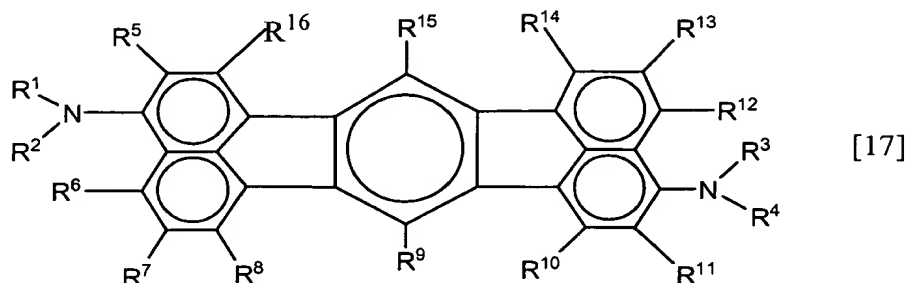
Claims 1-17 (cancelled).

Claim 18 (New): An organic electroluminescence device which comprises an organic layer disposed between at least one pair of electrodes, wherein the organic layer comprises a compound selected from compounds represented by the following general formula [3], [17] and [18]:



wherein X^1 to X^{14} each independently represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a substituted or unsubstituted alkoxy group having 6 to 30 carbon groups, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by X^1 to X^{14} and a pair of adjacent substituents to groups represented by X^1 to X^{14} may form a cyclic structure in combination; when a pair of adjacent substituents are aryl groups, the pair of substituents may be a single group; and at least one of substituents represented by X^1 to X^{14} , i representing a number of 12 to 14, comprises an amine group or an alkenyl group; with the premise that the combination

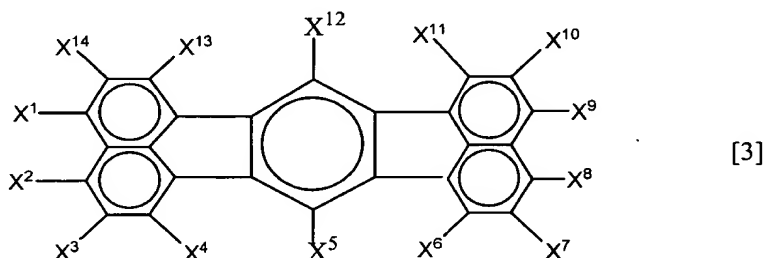
of substituted group X^{13} and X^{14} , X^3 and X^4 , X^{10} and X^{11} , and X^6 and X^7 with any ring structure in the general formula (3) is omitted:



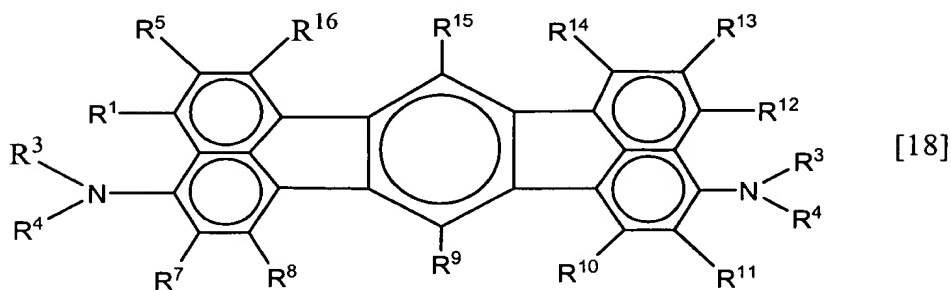
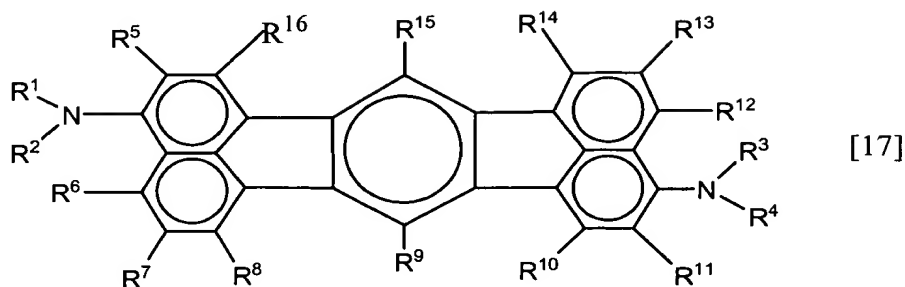
wherein R^1 to R^4 each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms; in one or both of a pair of groups represented by R^1 and R^2 and a pair of groups represented by R^3 and R^4 , the groups forming the pair may be bonded through $-O-$ or $-S-$; R^5 to R^{16} represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups

represented by R^5 to R^{16} and a pair of adjacent substituents to groups represented by R^5 to R^{16} may form a cyclic structure in combination; and at least one of substituents represented by R^5 to R^{16} comprises an amine group or an alkenyl group.

Claim 19 (New): A compound selected from compounds represented by the following general formula [3], [17] and [18]:



wherein X^1 to X^{14} each independently represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a substituted or unsubstituted alkoxy group having 6 to 30 carbon groups, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by X^1 to X^{14} and a pair of adjacent substituents to groups represented by X^1 to X^{14} may form a cyclic structure in combination; when a pair of adjacent substituents are aryl groups, the pair of substituents may be a single group; and at least one of substituents represented by X^1 to X^i , i representing a number of 12 to 14, comprises an amine group or an alkenyl group; with the premise that the combination of substituted group X^{13} and X^{14} , X^3 and X^4 , X^{10} and X^{11} , and X^6 and X^7 with any ring structure in the general formula (3) is omitted:



wherein R¹ to R⁴ each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms; in one or both of a pair of groups represented by R¹ and R² and a pair of groups represented by R³ and R⁴, the groups forming the pair may be bonded through -O- or -S-; R⁵ to R¹⁶ represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by R⁵ to R¹⁶ and a pair of adjacent substituents to groups represented by R⁵ to R¹⁶

Application No. 09/675,201
Reply to Office Action of January 7, 2004

may form a cyclic structure in combination; and at least one of substituents represented by R⁵ to R¹⁶ comprises an amine group or an alkenyl group.

Claim 20 (New): The compound according to Claim 19, wherein the compound has at least one structure selected from the group consisting of formulae (A-1) through (A-28), (B-1), (B-2), (B-9) and (B-13) through (B-19) as described in the specification.

DISCUSSION OF THE AMENDMENT

Claims 3-8, 11 and 14-17, all the claims remaining in the application, have been cancelled and replaced with new Claims 18-20.

Claim 18 corresponds to Claim 3, except that it eliminates the requirements that the organic layer comprise a metal complex of quinoline and that it be at least one of a hole transporting layer or a light emitting layer, and includes the embodiment wherein at least one of substituents represented by R^5 to R^{16} comprises an alkenyl group. In addition, X^{20} has been changed to X^{14} .

Claim 19 corresponds to Claim 15 but modified, consistent with the modifications of Claim 3 as they appear in Claim 18.

Finally Claim 20 corresponds to Claim 17, but omits structures that do not fall within the scope of formulae [3] [17] or [18]. While Claim 20 does not recite the actual structural formulae, which would unduly extend the length of this amendment, it is respectfully submitted that these claims meet the terms of 37 C.F.R. § 1.75(d)(1), which states:

The claim or claims must conform to the invention as set forth in the remainder of the specification and the terms and phrases used in the claims must find clear support or antecedent basis in the description so that the meaning of the terms in the claims may be ascertainable by reference to the description. (See § 1.58(a).)

See also MPEP 2173.05(s). Claim 20 is also consistent with the doctrine that an applicant is entitled to be his own lexicographer. See, for example, MPEP 2111.01 and 2173.05(a). There can be no question as to the meaning and scope of Claim 20 when read in light of the specification. Accordingly, it is respectfully requested that the format used for Claim 20 be accepted.

No new matter has been added by the above amendment. With entry thereof, Claims 18-20 will be pending in the application.